

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|--|------------------|---------|------------------|
| S1 | 877 | 463/3.ccls. or 463/31.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/07 19:49 |
| S2 | 7937 | 273/108.2.ccls. or 273/108.21.ccls. or 273/108.5.ccls. or 273/109.ccls. or 273/119.ccls. or 273/120A.ccls. or 273/129R.ccls. or 273/129K.ccls. or 273/317.2.ccls. or 273/118R.ccls. or 273/119R.ccls. or 273/120R.ccls. or 273/120A.ccls. or 273/121R.ccls. or 273/121A.ccls. or 273/121B.ccls. or 273/121D.ccls. or 273/121E.ccls. or 273/122R.ccls. or 273/122A.ccls. or 273/119A.ccls. or 273/119B.ccls. or 273/123R.ccls. or 273/124R.ccls. or 273/124A.ccls. or 273/125R.ccls. or 273/125A.ccls. or 273/123A.ccls. or 273/118A.ccls. or 273/118D.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/07 19:57 |
| S3 | 96539 | A63F007/02.IPC. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/07 19:59 |
| S4 | 346 | 434/252.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/07 20:00 |
| S5 | 22347 | 473/143.ccls. or 473/151.ccls. or 473/207-217.ccls. or 473/219.ccls. or 473/131-409.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/07 20:01 |

EAST Search History

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|-----|--------|---|--|----|----|------------------|
| S6 | 62 | ("4249744" "4253090" "4322073" "4324402" "4334679" "4346892" "4372557" "4386776" "4401304" "4415153" "4418917" "4448417" "5026058" "5088736" "5112049" "5137277" "5280908" "5338031" "5415401" "5700193" "5718336" "5725210" "6036188" "6129353" "6390470" "6612573" "6743104" "D259266" "D265102" "D266775").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/07 20:02 |
| S7 | 125645 | S1 or S2 or S3 or S4 or S5 or S6 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/07 20:02 |
| S8 | 1772 | 463/2.ccls. or 463/7.ccls. or 463/30.ccls. or 463/37.ccls. or 463/35.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/07 20:04 |
| S9 | 124 | 273/461.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/07 20:07 |
| S10 | 127268 | S7 or S8 or S9 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/07 20:07 |
| S11 | 877 | 463/3.ccls. or 463/31.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 18:26 |

EAST Search History

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|-----|-------|---|--|----|----|------------------|
| S12 | 7937 | 273/108.2.ccls. or 273/108.21.ccls. or 273/108.5.ccls. or 273/109.ccls. or 273/119.ccls. or 273/120A.ccls. or 273/129R.ccls. or 273/129K.ccls. or 273/317.2.ccls. or 273/118R.ccls. or 273/119R.ccls. or 273/120R.ccls. or 273/120A.ccls. or 273/121R.ccls. or 273/121A.ccls. or 273/121B.ccls. or 273/121D.ccls. or 273/121E.ccls. or 273/122R.ccls. or 273/122A.ccls. or 273/119A.ccls. or 273/119B.ccls. or 273/123R.ccls. or 273/124R.ccls. or 273/124A.ccls. or 273/125R.ccls. or 273/125A.ccls. or 273/123A.ccls. or 273/118A.ccls. or 273/118D.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 18:26 |
| S13 | 96539 | A63F007/02.IPC. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 18:26 |
| S14 | 346 | 434/252.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 18:26 |
| S15 | 22347 | 473/143.ccls. or 473/151.ccls. or 473/207-217.ccls. or 473/219.ccls. or 473/131-409.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 18:26 |
| S16 | 62 | ("4249744" "4253090" "4322073" "4324402" "4334679" "4346892" "4372557" "4386776" "4401304" "4415153" "4418917" "4448417" "5026058" "5088736" "5112049" "5137277" "5280908" "5338031" "5415401" "5700193" "5718336" "5725210" "6036188" "6129353" "6390470" "6612573" "6743104" "D259266" "D265102" "D266775").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 18:26 |

EAST Search History

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|-----|--------|---|--|----|----|------------------|
| S17 | 125645 | S11 or S12 or S13 or S14 or S15 or S16 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 18:26 |
| S18 | 1772 | 463/2.ccls. or 463/7.ccls. or 463/30.ccls. or 463/37.ccls. or 463/35.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 18:26 |
| S19 | 124 | 273/461.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 18:26 |
| S20 | 127268 | S17 or S18 or S19 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 18:26 |
| S21 | 17847 | S20 and (housing or enclosure or box or container or plastic) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 18:26 |
| S22 | 4440 | S21 and (electric or electrical or circuitry or wiring or electronic) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 18:32 |
| S23 | 2298 | S22 and (display or screen or monitor or LCD or (dot adj matrix) or (liquid adj crystal)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 18:32 |

EAST Search History

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|-----|------|--|--|----|----|------------------|
| S24 | 1530 | S23 and (card or cartridge or drive or disc or disk) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 18:33 |
| S25 | 1083 | S24 and (opening or aperture or space or pocket or gap) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 18:35 |
| S26 | 1224 | S24 and (processor or computer or controller or (printed adj circuit) or (PC adj board)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 18:35 |
| S27 | 864 | S26 and (opening or aperture or space or pocket or gap) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 18:35 |
| S28 | 604 | S27 and (insert or remove or connect or insertable or removable or interchangeable) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 18:36 |
| S29 | 565 | S28 and (pinball or game or hand\$held or pachinko) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 18:42 |
| S30 | 437 | S29 and (sensor or detector or impact or LED) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 18:37 |

EAST Search History

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|-----|--------|--|--|----|----|------------------|
| S31 | 162 | S30 and (plunger or spring\$loaded or (spring adj loaded) or spring) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 18:41 |
| S32 | 298 | S30 and (virtual or simulat\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 18:41 |
| S33 | 991723 | (housing or enclosure or box or container or plastic) same (electric or electrical circuitry or wiring or electronic) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 20:02 |
| S34 | 591037 | (housing or enclosure or box or container or plastic) with (electric or electrical circuitry or wiring or electronic) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 20:02 |
| S35 | 27151 | ((housing or enclosure or box or container or plastic) with (electric or electrical circuitry or wiring or electronic)) with (display or screen or monitor or LCD or (dot adj matrix) or (liquid adj crystal)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 20:27 |
| S36 | 13308 | S35 and (card or cartridge or drive or disc or disk) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 20:05 |
| S37 | 356 | S35 and ((insert or remove or connect or insertable or removable or interchangeable) adj (card or cartridge or drive or disc or disk)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 20:28 |

EAST Search History

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|-----|-------|--|--|----|----|------------------|
| S38 | 31748 | ((housing or enclosure or box or container or plastic) same (electric or electrical circuitry or wiring or electronic)) with (display or screen or monitor or LCD or (dot adj matrix) or (liquid adj crystal)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 20:27 |
| S39 | 93955 | ((housing or enclosure or box or container or plastic) same (electric or electrical circuitry or wiring or electronic)) same (display or screen or monitor or LCD or (dot adj matrix) or (liquid adj crystal)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 20:27 |
| S40 | 1490 | S39 and ((insert or remove or connect or insertable or removable or interchangeable) adj (card or cartridge or drive or disc or disk)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 20:28 |
| S41 | 450 | S40 and ((opening or aperture or space or pocket or gap) near4 (housing or enclosure or box or container or plastic)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 20:30 |
| S42 | 2 | "6478679".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/09 16:45 |
| S43 | 0 | S42 and pinball | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/09 16:48 |
| S44 | 0 | S42 and sensor | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/09 16:48 |

EAST Search History

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|-----|---|--------------------------------|--|----|----|------------------|
| S45 | 2 | "6743104".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/09 19:10 |
| S46 | 1 | S45 and (battery or batteries) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/09 19:10 |
| S47 | 0 | S46 and spring | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/09 19:28 |
| S48 | 0 | S42 and (plastic with housing) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/09 19:24 |
| S49 | 0 | S42 and plastic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/09 19:14 |
| S50 | 1 | S45 and (plastic with housing) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/09 19:26 |
| S51 | 0 | S45 and pinbal | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/09 19:26 |

EAST Search History

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|-----|---|-----------------------------|--|----|----|------------------|
| S52 | 2 | S45 and pinball | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/09 19:26 |
| S53 | 0 | S45 and spring | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/09 19:28 |
| S54 | 0 | S45 and plunger | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/09 19:32 |
| S55 | 0 | S45 and tap | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/09 19:31 |
| S56 | 2 | "6036188".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/09 19:31 |
| S57 | 0 | S56 and tap | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/09 19:34 |
| S58 | 2 | S56 and (plunger or spring) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/09 19:34 |

EAST Search History

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|-----|---|-----------------------------|--|----|----|------------------|
| S59 | 4 | "4334679".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/09 19:34 |
| S60 | 0 | S59 and tap | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/09 19:37 |
| S61 | 1 | S59 and (plunger or spring) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/09 19:37 |
| S62 | 2 | "6612573".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/09 19:37 |
| S63 | 0 | S62 and tap | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/09 19:40 |
| S64 | 2 | S62 and (plunger or spring) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/09 19:42 |
| S65 | 2 | "6241611".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/09 19:40 |

EAST Search History

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|-----|---|-----------------------------|--|----|----|------------------|
| S66 | 0 | S65 and tap | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/09 19:40 |
| S67 | 1 | S65 and (plunger or spring) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/09 19:42 |
| S68 | 0 | S45 and (plunger or spring) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/09 19:42 |
| S69 | 1 | S42 and (plunger or spring) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/09 19:43 |
| S70 | 2 | "6375572".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/09 19:43 |
| S71 | 0 | S70 and (plunger or spring) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/09 19:46 |
| S72 | 2 | S45 and sound | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/09 19:46 |

EAST Search History

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|-----|----|--|--|----|----|------------------|
| S73 | 8 | "6478679".pn. or "6375572".pn. or "6743104".pn. or "5700193".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/10 18:12 |
| S74 | 44 | ("5184830" "5220260" "5299810" "5390937" "5395112" "5405152" "5414337" "5537405" "5542672" "5552799" "5559412" "5629605" "5630170" "5649862" "5669818" "5691898" "5734373" "5739811" "5889672" "5897437" "5917266" "5919092" "5938531" "5984785" "5984788" "5989120" "5989123" "5993318" "5999197" "6006352" "6142869" "6195672" "6200253" "6275213" "6312335" "6361436").PN. OR ("6743104"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/10 18:12 |
| S75 | 11 | ("5394168" "5759100" "5903257" "6001015" "6007428" "6022274" "6132315").PN. OR ("6478679").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/10 18:13 |
| S76 | 65 | ("4318245" "4337948" "4425488" "4450325" "4503299" "4540176" "4787051" "4839838" "4957291" "4969647" "5059958" "5068645" "5128671" "5181181" "5184830" "5329276" "5339095" "5363120" "5453758" "5526022" "5598187" "5611731" "5615132" "5624117" "5666138" "5701131" "5703623" "5734371" "5734373" "5739811" "5746602" "5751273" "5752880" "5757360" "5795227" "5819206" "5835077" "5854622" "5898421" "5903257" "5923317" "5947868" "5955713" "5982352" "5991085" "5999168" "6020876" "6160540" "6183365" "6200219" "6201554").PN. OR ("6375572"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/10 18:13 |
| S77 | 4 | ("4334679" "4693476").PN. OR ("5700193").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/09/10 18:13 |

EAST Search History

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|-----|-----|--------------------------|--|----|----|------------------|
| S78 | 120 | S74 or S75 or S76 or S77 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/10 18:13 |
|-----|-----|--------------------------|--|----|----|------------------|

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--|------------------|---------|------------------|
| S1 | 50 | (US-20050176501-\$ or US-20040209675-\$).did. or (US-4867454-\$ or US-D266775-\$ or US-4334679-\$ or US-5947478-\$ or US-5330182-\$ or US-5344199-\$ or US-5417422-\$ or US-5462276-\$ or US-5009419-\$ or US-5807177-\$ or US-4324403-\$ or US-4804186-\$ or US-5364096-\$ or US-5364099-\$ or US-5388828-\$ or US-5405143-\$ or US-5494286-\$ or US-5507488-\$ or US-5511783-\$ or US-5704810-\$ or US-5797600-\$ or US-4278253-\$ or US-4320902-\$ or US-4361327-\$ or US-4423872-\$ or US-4976440-\$). did. or (US-5443261-\$ or US-5453928-\$ or US-5566949-\$ or US-5611731-\$ or US-5707059-\$ or US-6006456-\$ or US-4355805-\$ or US-RE31441-\$ or US-4840375-\$ or US-5700193-\$ or US-5725210-\$ or US-5853327-\$ or US-5882261-\$ or US-6158737-\$ or US-4162793-\$ or US-4093232-\$ or US-4244574-\$ or US-4253090-\$ or US-4325551-\$ or US-4355802-\$ or US-4359223-\$ or US-4363485-\$).did. | US-PGPUB; USPAT | OR | ON | 2007/09/07 19:46 |
| S2 | 2 | "5718336".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 16:00 |
| S3 | 8 | "5700193".pn. or "6743104".pn. or "4334679".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 16:11 |
| S4 | 10 | S2 or S3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 16:12 |

EAST Search History

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|----|----|--|--|----|----|------------------|
| S5 | 50 | (US-20050176501-\$ or US-20040209675-\$).did. or (US-4867454-\$ or US-D266775-\$ or US-4334679-\$ or US-5947478-\$ or US-5330182-\$ or US-5344199-\$ or US-5417422-\$ or US-5462276-\$ or US-5009419-\$ or US-5807177-\$ or US-4324403-\$ or US-4804186-\$ or US-5364096-\$ or US-5364099-\$ or US-5388828-\$ or US-5405143-\$ or US-5494286-\$ or US-5507488-\$ or US-5511783-\$ or US-5704810-\$ or US-5797600-\$ or US-4278253-\$ or US-4320902-\$ or US-4361327-\$ or US-4423872-\$ or US-4976440-\$). did. or (US-5443261-\$ or US-5453928-\$ or US-5566949-\$ or US-5611731-\$ or US-5707059-\$ or US-6006456-\$ or US-4355805-\$ or US-RE31441-\$ or US-4840375-\$ or US-5700193-\$ or US-5725210-\$ or US-5853327-\$ or US-5882261-\$ or US-6158737-\$ or US-4162793-\$ or US-4093232-\$ or US-4244574-\$ or US-4253090-\$ or US-4325551-\$ or US-4355802-\$ or US-4359223-\$ or US-4363485-\$).did. | US-PGPUB; USPAT | OR | ON | 2007/09/08 17:19 |
| S6 | 61 | S5 or S4 or "4334679".pn. or "4253090".pn. or "6612573".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 17:19 |
| S7 | 40 | S6 and (housing or enclosure or box or container or plastic) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 18:02 |
| S8 | 29 | S7 and (electric or electrical or circuitry or electronic or wiring) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 18:00 |

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|-----|----|--|--|----|----|------------------|
| S9 | 24 | S8 and (display or screen or monitor or LCD or (liquid adj crystal) or (dot adj matrix)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 17:56 |
| S10 | 19 | S9 and (card or cartridge or drive or disc or disk) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 17:57 |
| S11 | 18 | S10 and (opening or aperture or space or pocket or gap) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 17:58 |
| S12 | 16 | S11 and (insert or remove or connect or insertable or removable or interchangeable) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 17:59 |
| S13 | 13 | S12 and (processor or computer or controller or (printed adj circuit) or (PC adj board)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/09/08 18:00 |